

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for use by a first node in an ad-hoc Wireless Local Area Network (WLAN) which first node maintains a table of other nodes within the network which can be used for forwarding messages within the network, said method comprising: ~~the step of letting the first node~~ receive receiving a first signal from a second node, ~~characterised in that it additionally comprises the steps of:~~
 - ~~letting the first node~~ analyzing analyse the first signal to determine its signal strength,
 - ~~received from the second signal,~~
 - if the second node is ~~already present~~ listed in the table maintained by the first node, comparing the signal strength ~~is compared~~ to a first predetermined comparison level,
 - if the second node is not ~~present~~ listed in the table, comparing the ~~its~~ signal strength ~~is compared~~ to a second predetermined comparison level, and
 - if the signal strength ~~from the second node~~ exceeds either the first or second predetermined ~~the relevant~~ comparison level, the first node decides that the second node may be used in the table.
2. (Original) The method of claim 1, applied in an AODV system.
3. (Original) The method of claim 1, applied in an IEEE 802.11 – system.